

Claims

What is claimed is:

5 1. A solar screen article comprising, in combination: a
solar screen material coupled to a frame assembly,
said solar screen article selected from the group
consisting of an umbrella cover, a swamp cooler cover,
a fluid container cover, a shelter cover, a
10 compartment, a pane protector, a convertible top, a
sun visor and a hat, said solar screen material
providing at least thermal insulation, UV protection
and one-way visibility for a user of the solar screen
article.

15 2. The solar screen article according to Claim 1 further
comprising a plurality of spacers located between a
portion of a surface of said solar screen material and
a portion of a surface of the solar screen article,
20 said plurality of spacers providing enhanced thermal
insulation.

25 3. The solar screen article according to Claim 1 wherein
said solar screen material comprising said umbrella
cover for an umbrella coupled to said frame assembly
and said frame assembly coupled to a handle configured
to provide said umbrella.

30 4. The solar screen article according to Claim 2 wherein
said solar screen material comprising said swamp
cooler cover coupled to said frame assembly, said
swamp cooler cover for enclosing a swamp cooler

providing enhanced thermal insulation and greater cooling efficiency for said swamp cooler.

5. The solar screen article according to Claim 2 wherein
said solar screen material comprising said fluid
container cover coupled to said frame assembly for
enclosing a fluid container, said fluid container
cover providing enhanced thermal insulation for a
fluid inside said fluid container.
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6. The solar screen article according to Claim 5 wherein
said fluid container is a canteen.
15. The solar screen article according to Claim 1 wherein
said solar screen material comprising said shelter
cover for a shelter coupled to said frame assembly,
said shelter cover and said frame assembly coupled to
a plurality of ropes coupled to a plurality of stakes
embedded in a ground support and a portion of said
shelter cover having a plurality of openings
20 configured for a plurality of windows and at least a
door of said shelter.
25. The solar screen article according to Claim 7 wherein
said shelter cover is a tent.
30. The solar screen article according to Claim 1 wherein
a portion of a baby stroller comprising said
compartment, said compartment comprising solar screen
material, said baby stroller further comprising a
frame assembly coupled to said compartment, said frame
assembly having a plurality of wheels and a handle

assembly for pushing said baby stroller and said compartment having a plurality of window panes for observing a baby inside said compartment.

5 10. The solar screen article according to Claim 1 wherein
 a portion of a baby trailer comprising said compartment, said compartment comprising said solar screen material, said baby trailer further comprising a frame assembly having at least a pair of wheels coupled to said compartment, said frame assembly selectively coupled to a portion of a bicycle configured so that said baby trailer is towed by said portion of said bicycle and said compartment having a plurality of window panes for observing a baby inside
10 15. said compartment.

11. The solar screen article according to Claim 1 wherein
 a portion of said pane protector comprises a portion
 of a pane coupled to a portion of said solar screen
20 material and said solar screen material selectively
 coupled to a frame assembly, said pane protector
 configured as said sunroof top of a vehicle.

12. The solar screen article according to Claim 1 wherein
25 a portion of said pane protector comprises a portion
 of said solar screen material located between portions
 of a pair of panes, a surface of said solar screen
 material coupled to a surface of one of said pair of
 panes and an opposite surface of said solar screen
 material coupled to a surface of another one of said
30 pair of panes.

13. The solar screen article according to Claim 12 wherein each one of said pair of panes comprises a substantially transparent material.

5 14. The solar screen article according to Claim 1 wherein said convertible top for a vehicle comprises said solar screen material coupled to said frame assembly, said frame assembly shaped according to the type of vehicle for coupling said convertible top to said
10 vehicle.

15 15. The solar screen article according to Claim 1 wherein said sun visor comprises said solar screen material, said sun visor protecting a wearer's eyes from the glare of the sun and acting as a thermal insulator for a wearer's face around the wearer's eye area.

20 16. The solar screen article according to Claim 1 wherein said hat comprises said solar screen material, said hat protecting a wearer from heat exposure in hot weather and from thermal losses in cooler weather.

25 17. The solar screen article according to Claim 16 wherein said hat is wide-brimmed.

18. The solar screen article according to Claim 16 wherein said hat is conically shaped.

30 19. A method for assembling a solar screen article comprising the steps of: providing a solar screen material, said solar screen article selected from the group consisting of an umbrella cover, a swamp cooler

cover, a fluid container cover, a shelter cover, a compartment, a pane protector, a convertible top, a sun visor and a hat; and coupling said solar screen material to a frame assembly, said solar screen material achieving at least thermal insulation, UV protection and one-way visibility for a user of the solar screen article.

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20. The method for assembling a solar screen article according to Claim 19 further comprising the step of: providing a plurality of spacers located between a portion of a surface of said solar screen material and a portion of a surface of the solar screen article, said plurality of spacers achieving enhanced thermal insulation.

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